

unit.--

--30. A communication device of a mobile unit for communicating between a mobile unit and a terminal device, characterized in that:

a communication device enabling communications with said terminal device when an electrical connection to a power source is turned ON is provided in said mobile unit,

means for turning ON at a predetermined period the electrical connection between said power source and said communication device when an engine of said operational mobile unit is stopped, is provided in said mobile unit, and

said period is changed in accordance with change data sent to said mobile unit from said terminal device.--

#### REMARKS

The specification and claims were amended above to better define the invention. Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached pages are captioned


**"VERSION WITH MARKINGS TO SHOW CHANGES MADE."**

New Claims 15-30 correspond to canceled Claims 1-14. Early consideration and allowance of Claims 15-30 are respectfully requested.

In the event any additional fees are due, please charge our Deposit

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**"VERSION WITH MARKINGS TO SHOW CHANGES MADE."****IN THE SPECIFICATION:**

The paragraph starting on page 7, line 1, was amended as follows:

--A first invention is a communication device of a [mobile unit]  
construction machine for communicating between [a mobile unit] the  
construction machine and a terminal device, characterized in that:

[the] a communication device, which enables communications with said  
terminal device when an electrical connection to a power source is ON, [is  
provided in the mobile unit, and, in addition, means for intermittently turning  
ON and OFF an electrical connection between said power source and said  
communication device, when an engine of said mobile unit is OFF, is provided  
in the mobile unit.] and location detecting means for detecting a location of  
said construction machine are provided in said construction machine;

means for turning ON an electrical connection between said power  
source and said communication device when an engine of said construction  
machine is stopped, is provided in said construction machine; and

a time at which the electrical connection between said power source and  
said communication device is turned ON is changed in accordance with the  
location of said construction machine detected by said location detecting  
means.--

The paragraph starting on page 8, line 15, was amended as follows:

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10302T-4343E550

--Further, a second is [according to the first invention, and is characterized in that the above-mentioned ON/OFF means turns ON the electrical connection between the above-mentioned power source and the above-mentioned communication device at a predetermined period.] a communication device of a construction machine for communicating between the construction machine and a terminal device, characterized in that:

a communication device, which enables communications with said terminal device when an electrical connection to a power source is ON and travel speed computing means for computing a travel speed of said construction machine are provided in said construction machine;

means for turning ON the electrical connection between said power source and said communication device when an engine of said construction machine is stopped, is provided in said construction machine; and

a time at which the electrical connection between said power source and said communication device is turned ON is changed in accordance with the travel speed of said construction machine computed by said travel speed computing means.--

The paragraph starting on page 8, line 19, was amended as follows:

--Further, a third invention is a communication device of a mobile unit [for communication between a mobile unit and a terminal device, characterized in that detecting means for detecting internal parameters of the mobile unit is provided in said mobile unit, and when a detection output of said detecting means becomes a specified value, data related to the mobile unit is sent to said

terminal device from said mobile unit.] constituted such that the mobile unit and a terminal device are connected by communication means enabling mutual transmission and reception, and, in accordance with an input operation performed at said terminal device of requesting mobile unit information related to the mobile unit, a content of a request is sent to the mobile unit, and the mobile unit, which receives the request content, acquires, via a mobile unit, mobile unit information corresponding to the request content and sends the acquired mobile unit information to said terminal device, characterized in that:

detecting means for detecting a specified parameter in the mobile unit is provided in said mobile unit; and

when said detecting means detects that the specified parameter has attained a specified value, specified mobile unit information is sent to said terminal device from said mobile unit.--

The paragraph starting on page 10, line 5, was amended as follows:

--Further, a fourth invention is according to the third invention, and is characterized in that the above-mentioned detecting means is detecting means for detecting the fact that the engine of the above-mentioned mobile unit was started up, and when the above-mentioned engine is started up, [mobile unit-related data is sent to the above-mentioned terminal device from the above-mentioned mobile unit.] the specified mobile unit information is sent to said terminal device from said mobile unit.--

The paragraph starting on page 10, line 10, was amended as follows:

-- Further, a fifth invention is according to the third invention, and is characterized in that the above-mentioned detecting means is detecting means for totaling the engine operating hours of the above-mentioned mobile unit, and when the total value of the above-mentioned engine operating hours either reaches a specified value, or increases by a specified amount, [mobile unit-related data is sent to the above-mentioned terminal device from the above-mentioned mobile unit.] the specified mobile unit information is sent to said terminal device from said mobile unit.--

The paragraph starting on page 10, line 16, was amended as follows:

--Further, a sixth invention is according to the third invention, and is characterized in that the above-mentioned detecting means is detecting means for detecting the location of the above-mentioned mobile unit, and when the location of the above-mentioned mobile unit changes, [mobile unit-related data is sent to the above-mentioned terminal device from the above-mentioned mobile unit.] the specified mobile unit information is sent to said terminal device from said mobile unit.--

The paragraph starting on page 10, line 21, was amended as follows:

-- Further, a seventh invention is according to the third invention, and is characterized in that the above-mentioned detecting means is detecting means for detecting the relative location of the above-mentioned mobile unit for a set range, and when the relative location of the above-mentioned mobile unit for a set range constitutes a specified relative location, [mobile unit-related data is sent to the above-mentioned terminal device from the above-mentioned mobile

unit.] the specified mobile unit information is sent to said terminal device from said mobile unit.--

The paragraph starting on page 11, line 3, was amended as follows:

--Further, an eighth invention is according to the third invention, and is characterized in that the above-mentioned detecting means is detecting means for detecting a drop in voltage of a power source mounted to the above-mentioned mobile unit, and when the voltage of the above-mentioned power source drops below a specified value, [mobile unit-related data is sent to the above-mentioned terminal device from the above-mentioned mobile unit.] the specified mobile unit information is sent to said terminal device from said mobile unit.--

The paragraph starting on page 11, line 9, was amended as follows:

--Further, a ninth invention is according to the third invention, and is characterized in that [mobile unit-related data is sent to the above-mentioned terminal device from the above-mentioned mobile unit] the specified mobile unit information is sent to said terminal device from said mobile unit only when the content of mobile unit-related data to be sent this time differs from the mobile unit-related data sent the previous time.--

The paragraphs starting on page 11, line 19, and continuing through page 12, line 6, were amended as follows:

-- Further, an eleventh invention is a communication device of [a] an operational mobile unit for communicating between a [mobile unit] plurality of operational mobile units and a terminal device, characterized in that:

[a plurality of areas, which said mobile unit enters and exits, is established;] one or more business offices at/from which said plurality of operational mobile units are stored/dispatched, and one or more work sites at which said plurality of operational mobile units are operated, are established;

location detecting means for detecting a location of said operational mobile unit is provided in [said] each operational mobile unit;

based on the detection [results] result of said location detecting means and location data for said [plurality of areas, when said mobile unit enters said areas, data to the effect that this mobile unit entered this area is sent to said terminal device from this mobile unit, and when said mobile unit exits from said areas, data to the effect that this mobile unit exited this area is sent to said terminal device from this mobile unit;] business office and work site, when said operational mobile unit enters said business office or work site, data stating that this operational mobile unit has entered this business office or work site is sent to said terminal device from this operational mobile unit, and when said operational mobile unit exits from said business office or work site, data stating that this operational mobile unit has exited this business office or work site is sent to said terminal device from this operational mobile unit; and,

based on said sent data, data on the entry/exit of said [mobile unit to/from said plurality of areas] plurality of operational mobile units to/from said business offices or work sites is managed by said terminal device.--

The paragraph starting on page 13, line 1, was amended as follows:

--Further, a twelfth invention is according to the eleventh invention, and is characterized in [that when the above-mentioned mobile unit exits from any of the areas of the above-mentioned plurality of areas, location data is sent to the above-mentioned terminal device from the above-mentioned mobile unit each time the above-mentioned mobile unit moves a predetermined distance, and, based on the above-mentioned sent location data, data on the movement history of the above-mentioned mobile unit is managed by the above-mentioned terminal device.] that, when said operational mobile unit exits from said business office or work site, location data is sent to said terminal device from said operational mobile unit each time said operational mobile unit moves a predetermined distance, and, based on said sent location data, data on a movement history of said operational mobile unit is managed by said terminal device.--

The following paragraphs were added, starting on page 17, line 15.

-- Further, a fifteenth invention is a communication device of a mobile unit for communicating between a mobile unit and a terminal device via a communication satellite, characterized in that:

a communication device, which enables communications with said terminal device when an electrical connection to a power source is ON and clocking means for clocking timing are provided in said mobile unit, and

means for turning ON the electrical connection between said power source and said communication device each time the timing clocked by said

clocking means and a flight timing of said communication satellite coincide when an engine of said mobile unit is stopped, is provided in said mobile unit.

Further, a sixteenth invention is a communication device of a mobile unit for communicating between a mobile unit and a terminal device, characterized in that:

a communication device enabling communications with said terminal device when an electrical connection to a power source is turned ON is provided in said mobile unit,

means for turning ON at a predetermined period the electrical connection between said power source and said communication device when an engine of said operational mobile unit is stopped, is provided in said mobile unit, and

said period is changed in accordance with change data sent to said mobile unit from said terminal device.--

The paragraph on page 18, beginning at line 12, was amended as follows:

--[Fig. 11 is a graph] Figs. 11(a) and 11(b) are graphs used for explaining an embodiment in which an automatic transmission is made from a mobile unit;--